The No. 1 BRAND

Government Recognised

INFOBYTE®

CAREER INSTITUTE

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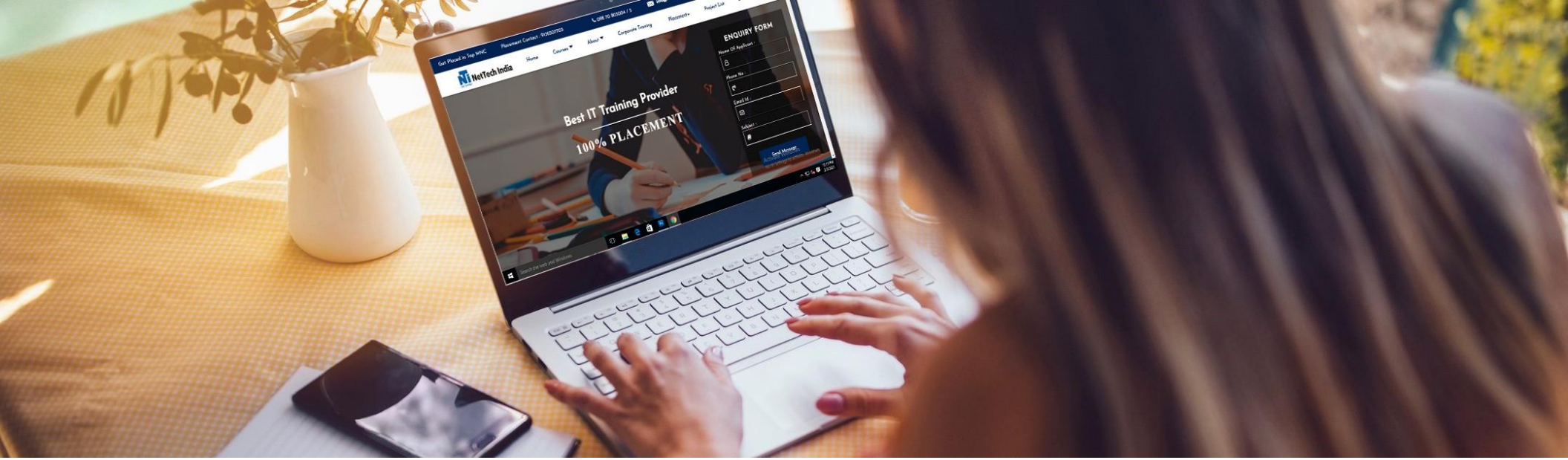
CIVIL CAD CERTIFICATION



ABOUT US

Infobyte Computer Education offers a high-quality learning experience in the field of IT training to train students on brand new technologies and train them to deliver the desired results with commercially relevant and re-organized technical skills.

The probability of achieving your dream job will keep on increasing day by day once you complete a course in **infobyte**. We also focus on improving soft skills in terms of communication, leadership, teamwork, external appearance, and attitude which helps everyone to be professional in all the aspects of their career.

25%
Theory

75%
Practicals

ABOUT CIVIL CAD

Civil CAD learning is a key element of the development of civil design and plans for big building companies and businesses with computer-aided design software. CAD is by far the best way to maximize productivity and demonstrate their potential in the shortest possible time frame for every student. Once, a simple understanding of CAD software is achieved by the student; they will learn how it can be used in civil drafting projects. City planning and others are on the rise, so there are strong demands for trained field specialists. In short, the demand for civil professionals will still continue to grow in the search for comfortable housing, better highways, and standardized living.

BENEFITS OF CIVIL CAD

- Career Growth - Higher Pay & Position
- Encourages professional development
- Enriches self-image and reputation
- Enhances professional credibility.
- Abundant Job Opportunities
- Used In Many Industries
- Global Recognition
- Secure and Flexible
- 50+ Case Studies
- 10+ Projects

TABLE OF CONTENT

1 Architecture Autocad

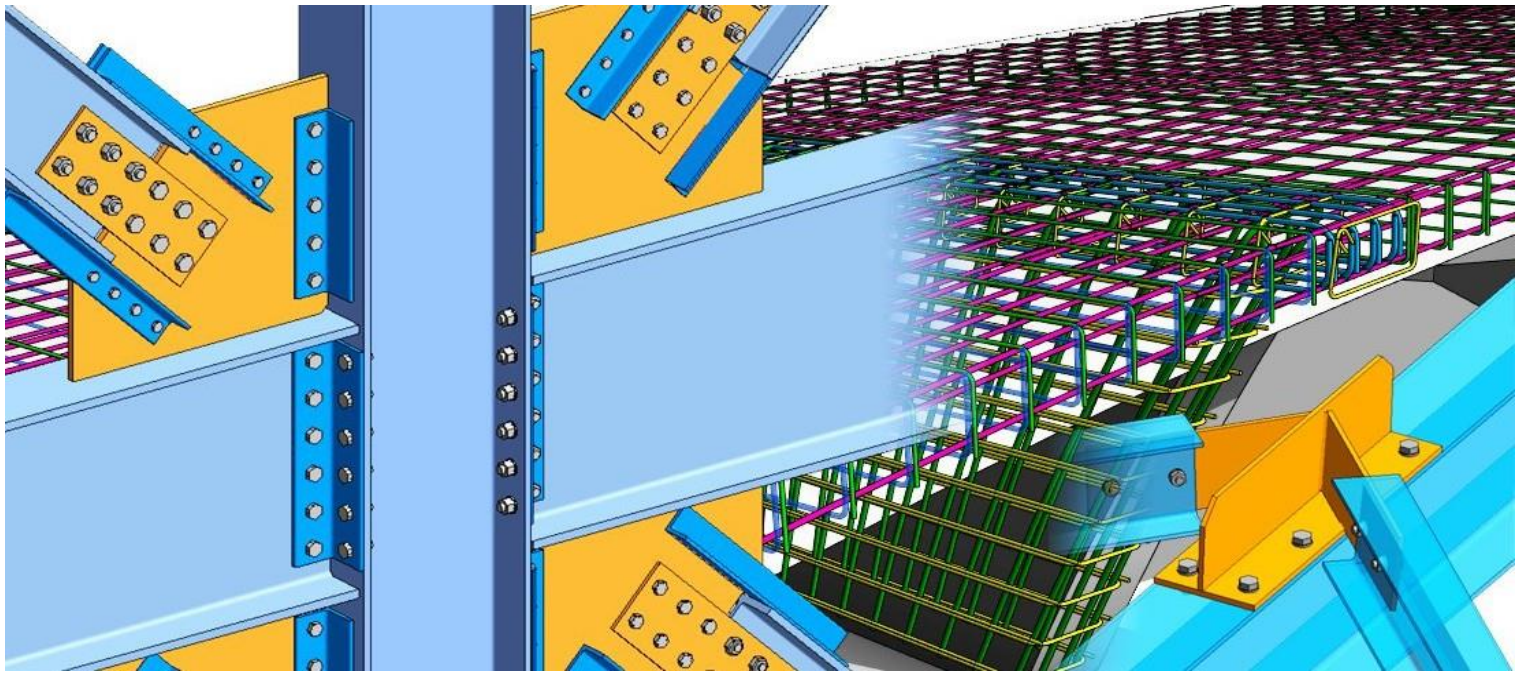
AutoCAD Architectural Design Software from Autodesk speeds up documentation for architectural drafting and design. AutoCAD is a 2D and 3D computer-aided design (CAD) and mapping software application. The 3D AutoCAD course will involve students in the 3D modeling process. This course will teach students how to convert 2D drawings into 3D models. This is an instructor-led course involving a number of hands-on examples. The hands- on course will provide students with many practical tips and tricks on AutoCAD 3D.

2 Revit Architecture

Revit Architecture is a robust framework for architects and construction professionals for architectural design and documentation. Revit Architecture is used to design buildings accurately while minimizing the time taken in a virtual environment to coordinate and design them. For architects, landscape architects, structural engineers, European Parliament engineers, designers, and contractors, Revit develops knowledge modeling software. This software allows users to create buildings and structures and their components in 3D, annotate 2D design element models, and use a building model database to access building details.

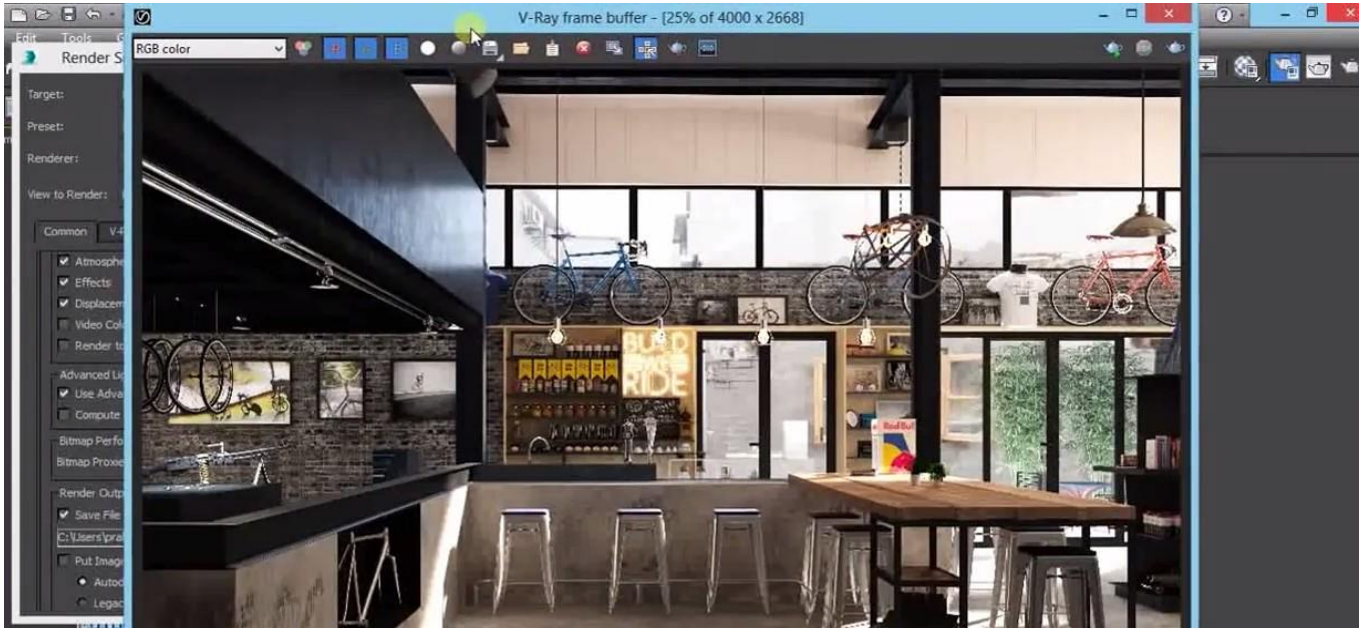
3 Revit Structure

Revit Structure course you will learn how to construct a complete structural model with bases, columns, pillars, beam system, and floors. The course will teach you, by describing loads and load combinations, how to create the model for Structural Analyzes packages. You can learn to annotate, tag, detail, and build sheets for your model. The course will explain how trusses, bracing, steel links, and concrete reinforcement can be treated. You can eventually see how Revit manages work- sharing.



4 V-Ray

V-Ray is a commercial rendering plug-in for 3D graphics software applications. V-Ray is used in media, entertainment and design industries such as film and video game production, industrial design, product design and architecture VRayLight is a V-Ray- specific light source that can be used to create physically accurate lighting areas of different shapes. Grid Light-a mesh object that is converted to a light source. Dome Light-A spherical or hemispherical light that illuminates inward from outside the scene. VRay is Automatically eliminates noise and reduces the time of rendering by up to 50 percent. Denoising may also be refined after rendering.



5 Google SketchUp

Google SketchUp is a 3D sketch tool. Citing the Google SketchUp website 'Google SketchUp is a software that can be used to create, modify, and share 3D models. It's easier to learn than other 3D modeling programs, which is why so many people are already using it. SketchUp debuted as a universal 3D content creation tool in August 2000 and was designed as a software program that 'allows design professionals to paint their way of thinking.

6 3DS MAX

3ds Max is a powerful 3D modeling and animation solution for game developers, visual effects artists and graphic designers to create great worlds, stunning scenes and compelling virtual reality (VR) experiences. 3ds Max is a computer graphics program for the creation of 3D models, animations and digital images. ... 3ds Max is often used for character modeling and animation as well as for rendering realistic images of buildings and other objects. In terms of modeling, 3ds Max is superb in terms of speed and simplicity.

7 Staad Pro Software

STAAD. Pro is a program for structural analysis and design that is used extensively to analysis and design structures for bridges, towers, structures, transport, industrial structures and utility structures. Staad Pro lets you analyze 3D models and view them more easily with findings from your study. The STAAD Pro is an extensive structural engineering program covering every aspect of structural engineering, including model creation verification, analyses, design and results in analysis. This is a very valuable application to allow you to analyze and design your own career (if you are focused on structural design) and tool.

8 Staad Pro Advance Software

STAAD.advance Pro is a software for structural analysis and design that is commonly used to evaluate and design bridge, tower, house, transport, industrial and utility system structures. Staad Pro is just an aid to help you more easily evaluate 3D models and simulate them with the results of your study. This is a very helpful tool (if you are working on a structural design) to help you evaluate and design your own career.

STAAD Pro is a comprehensive structural engineering program that covers all aspects of structural engineering, including verification of model creation, analysis, design and results review.

9 Etabs Software

ETABS is an engineering design software that caters to the analysis and design of multi-story buildings. Preliminary limited to building design, it encapsulates advanced building modeling and drawing options. E-Tabs are well equipped to handle simplified lateral procedures, Push-over analysis, Response Spectrum Analysis and Response History Analysis. E-Tabs may also be used to manage large-scale seismic projects, including those involving non-linear modeling.

10 Civil 3d Software Course

Civil 3D software is a civil engineering design and documentation solution that supports the Building Information Modeling workflow. Today, the majority, if not all, of civil engineering drawings are made using AutoCAD. It helps to draw accurate 2D drawings and can also be rendered in 3D models using AutoCAD to help visualize the final product. AutoCAD Civil 3D software is a civil engineering design and documentation solution that supports the Building Information Modeling (BIM) workflow. By learning how to use AutoCAD Civil 3D, you can improve project performance, maintain consistent data, follow standard processes and respond to changes more quickly.

11 MX Road Software Course

MXROAD is an advanced, string-based modeling tool that enables the rapid and accurate design of all road types. With MXROAD you can quickly create design alternatives to achieve the “ideal” road system. MXROAD uses 3D string modeling technology-powerful, and concise method of creating any 3D surface MX Road is an excellent string-based modeling tool that can design all types of roads quickly and accurately. Civil engineers, designers, surveyors, system designers, and more can access 3D modeling, construction-driven engineering, and other analysis in an engineering application. It will also help you learn about the creation of digital terrain models and integration with Google Earth.

Quantity Take-off Software Course

Quantity Take off is the Autodesk software that helps you take off the entire building information model in just a few minutes—in contrast to days using traditional methods. The software provides greater 'flexibility' than typical databases or spreadsheets, making it possible for cost estimators to work smoother and more precisely. Number take-off is an important aspect of the cost estimation process for construction. Both large and small projects use a number of start-ups to determine the actual costs, to ensure that the project remains profitable to the contractor and is an important part of the final detailed estimate.

13 Microsoft Project Course

Microsoft Project is a software application for project management designed to help a project manager create a strategy, allocate task resources, monitor progress, manage the budget, and evaluate workloads. Use Microsoft Project to perform critical tasks. ... There is a selection of tools for project management to choose from, all of which have the following functions: scheduling, cost control and budget management, allocation of resources, quality management, progress tracking, etc.

14 Primavera software

Primavera software provides capabilities for project management, coordination and control and integrates with other enterprise software such as ERP systems from Oracle or SAP. Primavera P6 is certainly an amazing application for project management, used worldwide, of course, which helps to schedule, manage and monitor project costs, activities, resources, performance and ease internally.

WHO CAN LEARN ?

- Anyone who wants to build a career as a Civil CAD.
- Anyone who wish to gain knowledge about AutoCAD Programming
- Students who are currently in college or university
- Students chose to study design.
- Students decided to work as a design engineer in the automotive industry.

CAREER OPPORTUNITIES

- Draftsman
- Structural Engineering
- Industrial Design Tool
- Product Designer
- Product
- Engineer Civil
- Engineering

PROCESS FOR SUCCESS

GET PLACED

GET TRAINED

ENROLL

FACILITIES OFFERED

- Practical Training On Live Projects
- 100% Placement Guarantee
- Students Kits (FREE)
- Global Certification
- Multi Utility Students Panel
- Industrial Bases Training
- Online & Offline Trainings

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